Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No. **Second &Part** Date.....2019

Division: **Byatarayanapura** Sub-Division: **Kodigehalli sub division**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Work Code: 008-18-000012

Schedule Docket No. Head of Account: 3158 Est.Cost: 1090.00 Lakhs D.R.No. :

Name of Work (as per sanctioned estimate: **Package No. 03 (Package consists of 21 works).**

Name of Contractor and Full Address: **Sri. C.G.Chandrappa, #1C-301, 3rd Main Block, HRBR layout, Kalyan nagara, Bangalore-560 043.**

Reference to Agreement No.BBMP/EE/BTP/WO/148/2018-19 Date: 22.10.2018

Certified that the measurements were taken by me on 7/3/19 and recorded of Pages 494012 to 494014 of measurement Book No. 357/17-18 and that the work is satisfactorily executed.

For CGC INFRA PROJECTS PVT LTD

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on .....and found correct. The work is satisfactorily executed.

DIRECTOR

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total Amount : 6,73,56,367-00.
Issue Part-Bill Rs : 3 53 70 110-00.
Ind & Part-Bill Rs 3 19 86 257-00

IT	- 6 39 725-00
Cess	- 3 19 863-00
CBF	- 3 19 86-00
LR	- 4 03 507-00
GST	- 2 85 592-00
SGST	- 2 85 592-00
Adju.	19,66,265-00
Cheque	3,00,19,992-00

Total amount adjusted

For CGC INFRA PROJECTS PVT LTD

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness For CGC INFRA PROJECTS PVT LTD
1.
2.
Dated Signature of Contractor
DIRECTOR

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Rs: 3,19,86,257-00
DIRECTOR

(For use in the Office)

ಒಟ್ಟು ಮೊಬಲಗು ರೂ

ಮುಂಗಡ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 19,66,265-00

ಚುಕ್ತಾ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 3,00,19,992-00

Rs: Three Crore nineteen lakhes. nine hundred ninty two only.

ಮುಂದಾಂತರ ನೀಡಲಾಗಿದೆ

Stamp

Executive Engineer

ಲೆಕ್ಕಪರಿಶೋಧಕರು
ಬೃ.ಬೆ.ಮ.ಪಾ
19/03

ಕಾ.ಮಾ.ಅ.
ಬೃ.ಬೆ.ಮ.ಪಾ
19/03

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
n d d of	Cum	0	-	5200.25	178.07	**926008.52**	5200.25	926008.52	
th m in nd	Cum	0	-	-	5520.15	**0.00**	0.00	0.00	
	Sqm	0	-	1551.98	70.32	**109135.23**	1551.98	109135.23	
n-	Sqm	5330.58	4,59,496.00	624.45	86.20	**53827.59**	5955.03	513323.59	
nt	Sqm	891.36	6,34,897.90	85.24	712.28	**60714.75**	976.60	695612.65	
ent ork	Sqm	187.08	1,65,292.66	1443.25	883.54	**1275169.11**	1630.33	1440461.77	
nd led ge	Cun	4853.14	4,51,342.02	1574.22	93.00	**146402.46**	6427.36	597744.48	
ing ns, the	Cun	820.89	42,825.83	-	52.17	**0.00**	820.89	42825.83	
ling	Cun	5674.03	7,04,260.60	7031.89	124.12	**872798.19**	12705.92	1577058.79	
with ope el / and	Cun	321.3	1,10,054.89	-	342.53	**0.00**	321.30	110054.89	
mix e of ared d as	Cun	568.91	10,76,292.38	1233.44 1574.22	1891.85	2333483- **2978188.11**	1802.35 2143.13	3409776- 4054480.49	
oller ges, f the	Sqr	1201.2	39,507.47	1809.57	32.89	**59516.76**	3010.77	99024.23	
with and M of	Sqr	0	-	5212.24 6788.21	14.74	76828- **100058.22**	5212.24 6788.21	76828- 100058.22	
ch as anical	Sqr	472.13	72,903.11	6788.21	29.49	**200184.31**	9260.34	273087.43	
lesign stone mixed ensity, neries	Cu	0	-	273.64. 339.41	6131.49	1677821- **2081089.02**	273.64 339.41	1677821- 2081089.02	

16	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specification MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen as per the directions of the Engineer-in-charge of the work .	Cum	59.99
17	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	22174.8
18	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	24648.0
19	Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction complete in all respects as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	986.52
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	809.58
21	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specification and as per the directions of the Engineer-in-charge of the work .	Cur	0
22	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cu	0
23	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cu	376.3
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Conrete Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms and 2Ltr of Primer per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .	S	0

	Cum	59.99	4,57,029.02	-	7618.42	**0.00**	59.99	457029.02
s if	Sqm	22174.89	75,394.63	49574.6	3.40	**168553.64**	71749.49	243948.27
5 st ne	Sqm	24648.02	3,35,459.55	49574.6	13.61	**674710.31**	74222.62	1010169.86
60 er, nd ete	Cum	986.52	85,69,741.40	2181.28	8686.84	**18948430.36**	3167.80	27518171.75
e:- s at The per	Sqm	809.58	4,70,131.20	1940.68	580.71	**1126972.28**	2750.26	1597103.48
not rials the	Cur	0	-	257.42	885.81	**228025.21**	257.42	228025.21
size ared 15:1. cum, than nsor, r the	Cu	0	-	257.42	4265.73	**1098084.22**	257.42	1098084.22
s per n mix , with s than e form velling screed ansion, selant rawing	Cu	376.3	25,03,606.69	293.03	6653.22	**1949593.06**	669.33	4453199.74
rface:- eads at s as per cations	S	0	-	-	733.83	**0.00**	0.00	0.00

25	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with ..... W System Power consumption. LED Efficiency>130lm/w at 1W & FixtureEfficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable 26/4.35 for B1/B2 Roads as per IS 1944 Part I & Part II.LED Streetlight 65watts as per the directions of the Engineer-in-charge of the work .	no	0
26	Supplying and Fixing of..... mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires. Using 32mm dia G.I.pipe as per the directions of the Engineer-in-charge of the work .	no	0
27	Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded Aluminium unsheathed wire single core/multi core cable in open or consealed system of wiring. a)4 sqmm. as per the directions of the Engineer-in-charge of the work .	no	0
28	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of ROUP-A.3.5 core 25sqmm as per the directions of the Engineer-in-charge of the work .	rm	0
29	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.25 sqmm to 75 sqmm as per the directions of the Engineer-in-charge of the work .	rm	0
30	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes25 sqmm Long Barrel as per the directions of the Engineer-in-charge of the work .	no	0
31	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20.as per the directions of the Engineer-in-charge of the work .	Cu	266.58
32	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cu	777.04
33	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design as per the directions of the Engineer-in-charge of the work .	Cu	752.71
34	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work .		41.83
35	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift as per the directions of the Engineer-in-charge of the work .	S	538.15
36	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	C	23.64

ık gh of 8. KV dia Hz de. ess nal & ted 08 . ed	no	0	-	-	20030.40	**0.00**	0.00	0.00	
g to ole / e as	no	0	-	-	955.51	**0.00**	0.00	0.00	
wire f the	no	0	-	-	8.03	**0.00**	0.00	0.00	
thed, ed in TP of	rm	0	-	-	177.19	**0.00**	0.00	0.00	
pole of the	rm	0	-	-	37.24	**0.00**	0.00	0.00	
sqmm	no	0	-	-	22.03	**0.00**	0.00	0.00	
sonry, g the ll lifts de M-	Cu	266.58	1,46,381.74	-	549.11	**0.00**	266.58	146381.74	
m and achine t of all of the	Cu	777.04	~~44,47,132.02~~ 4447075-	-	5723.17	**0.00**	777.04	4447132.02	
20cm tions of	Cu	752.71	88,85,553.37	-	11804.75	**0.00**	752.71	8885553.37	
lcing in djoining d paid) of the		41.83	28,75,413.44	-	68740.46	**0.00**	41.83	2875413.44	
floating with all	S	3538.15	3,61,174.35	-	102.08	**0.00**	3538.15	361174.35	
mmered cost of harge of	C	223.64	10,62,044.00	-	4748.90	**0.00**	223.64	1062044.00	

37	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	67
38	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	627
39	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Cum	51
40	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .	Sqm	0
41	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as per the directions of the Engineer-in-charge of the work .	no	1235
42	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sq	0
43	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) as per the directions of the Engineer-in-charge of the work .	rm	0
44	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint as per the directions of the Engineer-in-charge of the work .	Sq	0
45	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint as per the directions of the Engineer-in-charge of the work .	rr	0
46	Fabricating, providing and erecting in poiston of Hot dip galvanised M S Ornamental security Grill using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings as per the directions of the Engineer-in-charge of the work .		0
47	Removing and resetting of footpath slab as per the directions of the Engineer-in-charge of the work .		223.25
48	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar as per the directions of the Engineer-in-charge of the work .		86.14
49	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications (available stones) as per the directions of the Engineer-in-charge of the work .		40.97

es se eer-	Cum	67.14	3,81,131.62	-	5676.67	**0.00**	67.14	381131.62	
nm per	Sqm	627.57	69,045.25	-	110.02	**0.00**	627.57	69045.25	
own ked, f all the	Cum	51	3,14,730.18	-	6171.18	**0.00**	51.00	314730.18	
d for per tons aver s per	Sqm	0	-	-	1034.39	**0.00**	0.00	0.00	
width shing and ork .	no	1235	4,38,425.00	-	355.00	**0.00**	1235.00	438425.00	
stered	Sq	0	-	-	68.05	**0.00**	0.00	0.00	
er and t of all fts and quality of the	rm	0	-	-	928.91	**0.00**	0.00	0.00	
les and ttom as harge of s of the	Sq	0	-	-	747.44	**0.00**	0.00	0.00	
tting the he chain ecessary approved	rr	0	-	-	367.48	**0.00**	0.00	0.00	
sing 75 x Square of ars of full ows inthe necesary ready mix ll lead and incidental irections of		0	-	-	9784.23	**0.00**	0.00	0.00	
		623.25	88,364.39	-	141.78	**0.00**	623.25	88364.39	
of masonry, sorting the with all lifts ortar as per		26.14	10,499.65	-	401.67	**0.00**	26.14	10499.65	
hammered ding cost of he Engineer-		40.97	1,22,071.75	-	2979.54	**0.00**	40.97	122071.75	

50	Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant, Transit Mixer & Concrete Pump as per the directions of the Engineer-in-charge of the work .	Cum
51	Supplying , fitting and placingTMT bar Fe 550 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification as per the directions of the Engineer-in-charge of the work .	t
52	Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method as per the directions of the Engineer-in-charge of the work .	Cum
	Grand total	

1 Certified that the above work done satisfactory and no materials issued from departmentally

AE W-09

d @ @	Cum	0	-	-	7899.70	**0.00**	0.00	
& he	t	0	-	-	71909.41	**0.00**	0.00	
salt orm ired the	Cum	0	-	-	1781.83	**0.00**	0.00	
otal			**35370202.12**			**33057461.82**	0.00	

Rs. 353.70 110-00 Rs: 3.19.86,257-

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97